

LISTING OF THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. through 9. (canceled)

10. (currently amended) A method for manufacturing carbon-bonded refractory products, comprising:

using organic binder agents comprising consisting
essentially of a powdery, graphitable coal-tar pitch with a
benzo[a]pyrene content less than 500 mg/kg and a coking value of
at least about 80% by weight according to DIN 51905 and a
graphitable binder agent that is liquid at room temperature with
a coking value of at least about 15% by weight and a
benzo[a]pyrene content less than 500 ppm according to DIN 51905,
wherein said liquid graphitable binder agent consists
essentially of a concentration of said powdery, graphitable
coal-tar pitch in an amount of 10 to 65% by weight in a high
boiling aromatic oil;

mixing said organic binder agents and refractory
granulations to form a mixture;

transferring said mixture to a moulded body; and
heat treating said mixture at a temperature of 150 to about
400° C.

11. (previously presented) The method according to claim
10, wherein said organic binder agents comprise 0.5 to about 4%
by weight of said powdery, graphitable coal-tar pitch and 1.3 to
about 4% by weight of said graphitable binder agent.

12. (previously presented) The method according to claim 10, wherein said using organic binding agents step comprises:

distilling coal-tar in a first distillation stage under normal or reduced pressure; and

distilling a residue of said first distillation stage under a pressure of no more than 1 mbar in an evaporator with a temperature that ranges from 300 to 380° C., wherein said residue has a mean residence time of 2 to 10 minutes.

13. (previously presented) The method according to claim 12, wherein said using organic binding agents step comprises using a solution of said powdery, graphitable coal-tar pitch in an anthracene oil.

14. (previously presented) The method according to claim 10, wherein said powdery, graphitable coal-tar pitch is in the form of a powder with a mean grain size of 10 to about 500 μm .

15. (previously presented) The method according to claim 10, wherein said powdery, graphitable coal-tar pitch has a softening point of over about 180° C.

16. (currently amended) The method according to claim 10, further comprising adding a napthenic naphthenic oil to said powdery, graphitable coal-tar pitch before mixing with said graphitable binder agent, wherein said napthenic oil does not dissolve said powdery, graphitable coal-tar pitch.

17. (previously presented) The method according to claim 10, further comprising adding a carbon carrier to said mixture of refractory granulations and the organic binder agent before

said transferring step.

18. (previously presented) The method according to claim 17, wherein said carbon carrier is graphite and/or carbon black.

19. (cancelled)

20. (new) The method according to claim 10, wherein the heat treating step results in the carbon-bonded refractory product having an anisotropic coke structure.